



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE



Exhibit A

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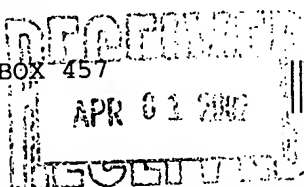
TECH CENTER 1600/2900

MARCH 26, 2002

PTAS

Chief Information Officer  
Washington, DC 20231  
www.uspto.gov

HOWSON AND HOWSON  
MARY E. BAK, ESQ.  
SPRING HOUSE CORPORATE CENTER, BOX 457  
SPRING HOUSE PA 19477



\*101967723A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/16/2002

REEL/FRAME: 012518/0393  
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
GADDY, JAMES, L.

DOC DATE: 04/09/2001

ASSIGNOR:  
CLAUSEN, EDGAR C.

DOC DATE: 04/09/2001

ASSIGNOR:  
KO, CHING-WAH ~~WHAN~~

DOC DATE: 04/09/2001

ASSIGNOR:  
~~WIKSTROM, CARL V.~~  
WIKSTROM

DOC DATE: 04/09/2001

ASSIGNEE:  
BIOENGINEERING RESOURCES, INC.  
1650 EMMAUS ROAD  
FAYETTEVILLE, ARKANSAS 72701

ASSIGNEE:  
CELANESE INTERNATIONAL CORPORATION  
1601 WEST LBJ FREEWAY  
DALLAS, TEXAS 75234

012518/0393 PAGE 2

SERIAL NUMBER: 10053195  
PATENT NUMBER:

FILING DATE: 01/16/2002  
ISSUE DATE:

SHARON BROOKS, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

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Exhibit B

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FORM PTO-1595(modified)

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02-01-2002



101967723

U.S. Department of Commerce  
Patent and Trademark Office

To the Honorable Director of the USPTO. .... return the attached original documents or copy thereof

1. Name of conveying party(ies):

James L. Gaddy, Edgar C. Clausen  
Ching-Whan Ko, Carl V. Wikstrom

Additional name(s) of conveying party(ies)  
attached?

☐ yes ☒ no

3. Nature of Conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Effective Date: 4/9/01, 4/9/01  
4/9/01, and 4/9/01

2. Name and address of receiving party(ies)

Name: Bioengineering Resources, Inc  
Internal Address:

Street Address: 1650 Emmaus Road

City: Fayetteville State: Arkansas Zip: 72701

Name: Celanese International Corporation  
Internal Address:

Street Address: 1601 West LBJ Freeway

City: Dallas State: Texas Zip: 75234

Additional name(s) & address(es) attached? ☐ yes ☒ no

4. Application number(s) or patent number(s):

If this document is being filed with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached: ☐ yes ☒ no

5. Name and address of party to whom  
correspondence concerning document should be  
mailed:

Name: Mary E. Bak, Esquire

Howson and Howson

Internal Address: \_\_\_\_\_

Street Address: Spring House Corporate Center,  
Box 457

City: Spring House State: PA Zip: 19477

01/28/2002 MGE BREM1 00000006 10053195

02 FC:581

40.00.00

6. Total number of applications and  
Patents involved:..... 1

7. Total fee (37 CFR 3.41).....\$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:

08-3040

(Attach duplicate copy of this page if paying by deposit  
account)

Do not use this space

9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a  
true copy of the original document.

Mary E. Bak

Name of Person Signing

Mary E. Bak  
Signature

Jan 16, 2002  
Date

Total number of pages, including cover sheet, attachments, and document: 5

Mail documents to be recorded with required coversheet information to:  
Director of the USPTO, Box Assignments  
Washington, DC 20231

Express Mail No. ET033628663US



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PATENT TRADEMARK OFFICE

Exhibit C

ASSIGNMENT

WHEREAS, James L. Gaddy, Edgar C. Clausen, Ching-Whan Ko, Leslie E. Wade, and Carl V. Wikstrom, hereinafter referred to as ASSIGNORS, have invented and are the owners of an invention entitled MICROBIAL PROCESS FOR THE PREPARATION OF ACETIC ACID AS WELL AS SOLVENT FOR ITS EXTRACTION FROM THE FERMENTATION BROTH said invention being fully set forth and described in the application for Letters Patent of the United States which has been prepared in connection with said invention, and which has been filed on March 7, 2001 and given Application Number 09/786,544.

WHEREAS, Bioengineering Resources, Inc., an Arkansas corporation engaged in business at 1650 Emmaus Road, Fayetteville, Arkansas 72701; and Celanese International Corporation, a Delaware corporation engaged in business at 1601 West LBJ Freeway, Dallas, Texas 75234, hereinafter referred to as ASSIGNEES, is desirous of acquiring the said invention and any and all applications for Letters Patent and any and all Letters Patent of the United States and foreign countries which may be issued therefor;

NOW, THEREFORE, THIS IS TO WITNESS that in consideration of the sum of One Dollar (\$1.00) paid to ASSIGNORS by ASSIGNEE, the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS have sold, assigned and set over, and hereby do sell, assign and set over, unto ASSIGNEE, its successors and assigns, the entire right, title and interest for, to and within the United States and all foreign countries, in and to the aforesaid invention and in and to any application for Letters Patent which ASSIGNEE at its expense may cause to be filed in the United States, under an international treaty, or in any foreign country, and in any United States or foreign patent which may be granted on said invention, including any extensions, divisions, reissues, continuations or continuations-in-part.

And ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States to ASSIGNEE, its successors and assigns, as the owner of all right, title and interest therein.

And for said consideration, it is hereby covenanted and agreed that at the request and expense of ASSIGNEE, its successors and assigns, ASSIGNORS will execute any further papers and do such other acts and things as may be necessary and proper to procure Letters Patent for said invention in the United States and in such foreign countries as ASSIGNEE, its successors and assigns may elect, and vest the full title thereto in ASSIGNEE, its successors and assigns.

IN WITNESS WHEREOF, this assignment has been executed on the dates indicated below.

Date 4/9/01 James L. Gaddy (SEAL)  
James L. Gaddy

Date 4/9/01 Edgar C. Clausen (SEAL)  
Edgar C. Clausen

Date Apr. / 9 2001 Ching-Whan Ko (SEAL)  
Ching-Whan Ko

Date \_\_\_\_\_ (SEAL)  
Leslie E. Wade

Date April 9, 2001 Carl V. Wikstrom (SEAL)  
Carl V. Wikstrom

NOTARIAL CERTIFICATE

State of \_\_\_\_\_ :  
County of \_\_\_\_\_ : ss. :

Before me, the undersigned, a notary public, in and for the county aforesaid, on this 7 day of April 2001, personally appeared James L. Gaddy to me known to be the person described in and who executed the foregoing instrument and who acknowledged the execution of the same as a free act and deed and desired the same to be recorded as such.



Mindy Espindola  
Notary Public

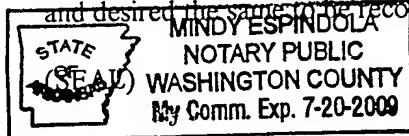
NOTARIAL CERTIFICATE

State of \_\_\_\_\_ :

: ss.: \_\_\_\_\_

County of \_\_\_\_\_ :

Before me, the undersigned, a notary public, in and for the county aforesaid, on this 9 day of April 2001, personally appeared Edgar C. Clausen to me known to be the person described in and who executed the foregoing instrument and who acknowledged the execution of the same as a free act and deed and desired the same to be recorded as such.



Mindy Espindola  
Notary Public

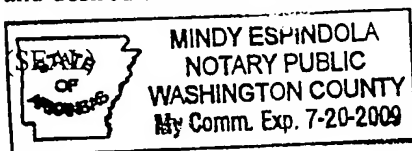
NOTARIAL CERTIFICATE

State of \_\_\_\_\_ :

: ss.: \_\_\_\_\_

County of \_\_\_\_\_ :

Before me, the undersigned, a notary public, in and for the county aforesaid, on this 9 day of April 2001, personally appeared Ching-Whan Ko to me known to be the person described in and who executed the foregoing instrument and who acknowledged the execution of the same as a free act and deed and desired the same to be recorded as such.



Mindy Espindola  
Notary Public

NOTARIAL CERTIFICATE

State of \_\_\_\_\_ :

: ss.: \_\_\_\_\_

County of \_\_\_\_\_ :

Before me, the undersigned, a notary public, in and for the county aforesaid, on this \_\_\_\_\_ day of \_\_\_\_\_ 2001, personally appeared Leslie E. Wade to me known to be the person described in and who executed the foregoing instrument and who acknowledged the execution of the same as a free act and deed and desired the same to be recorded as such.

(SEAL)

\_\_\_\_\_  
Notary Public

NOTARIAL CERTIFICATE

State of \_\_\_\_\_ :

: ss.:

County of \_\_\_\_\_ :

Before me, the undersigned, a notary public, in and for the county aforesaid, on this 9 day of April 2001, personally appeared Carl V. Wikstrom to me known to be the person described in and who executed the foregoing instrument and who acknowledged the execution of the same as a free act and deed and desired the same to be recorded as such.

(SEAL)



Mindy Espindola  
Notary Public